

Patent Application of Todd Phillip Bredeson

for “Backpack for Tractor seat – Cargo Carrying” continued

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DRAWINGS –

In the drawings pages 1/4 - 4/4 individual parts are labeled with a number and a capital letter. The number represents the drawing page number while the letter refers to a part on a given drawing.

(1/4) shows the pocket side or back of seat as it would be mounted. Note seat illustration in broken line. This view also notes location of cargo tie straps.

(2/4) shows opposite of (1/4) view detailing cinch strap hook and loop fastener locations. Cargo tie straps not shown in this view.

(3/4) shows same view as (1/4) without seat to demonstrate fold of main body and relationship if cinch strap fastening points of front to back.

(4/4) demonstrates how the hook and loop fasteners, pliant strip and buckle loop are used in the cinch strap “the first part of the strap is then fed through the buckle loop of the second part, folded back on itself and mated to the second part of the hook and loop fastener located on the main body” The cargo tie strap is fastened back onto itself in the same way.

DRAWINGS—References

1A main body

1B cinch strap

1C elastic cinch strap

1D upper cargo pockets

1E lower cargo pockets

1F hook and loop pocket closure

1G cargo tie strap

2A hook and loop fastener mating point

2B hook and loop fastener mating point

Patent Application of

Todd Phillip Bredeson

For

TITLE: BACKPACK FOR TRACTOR SEAT – CARGO CARRYING

CROSS-REFERNCE TO RELATED APPLICATIONS – “Not Applicable”

STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH OR
DEVELOPMENT – “Not Applicable”

REFERENCE TO SEQUENCE LISTING, A TABLE, OR A COMPUTOR PROGRAM
LISTING COMPACT DISC APPENDIX – “Not Applicable”

BACKGROUND OF INVENTION – FIELD OF INVENTION

This invention relates to a device used to hold and carry hand tools and other items on the seat back of a garden tractor or similar vehicle.

BACKGROUND OF INVENTION

It is not uncommon to require the need for tools and other items while operating lawn mowing, garden or full size tractors and similar vehicles. Storing tools and items in a space on these vehicles not made for said purpose may result in loss of tools or damage to the vehicle. An alternative solution might be to attach some form of box or bucket for storing and carrying tools and other small items. Using an attached bucket or box for storage on these types of vehicles may impede proper operation resulting in undesirable results or a safety hazard.

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BACKGROUND OF INVENTION – OBJECTS AND ADVANTAGES

The “Back Pack for Tractor Seat – Cargo Carrying” offers a variety of advantages over the fore mentioned methods of tool and item storage and carrying on a tractor or similar vehicle. These advantages are:

- (a) the pockets and straps provide a way to securely store and organize hand tools or other items;
- (b) the storage pockets and straps dictate that tools and items stored are on the back of the vehicle seat keeping the stored items out of the way of the operator;
- (c) the adjustable cargo straps allow larger items that won’t fit in the provided pockets to be tied to the “Back Pack for Tractor Seat”;
- (d) the middle pocket on the lower group of pockets has a closure hook and loop system that allows a ball of string or twine to be stored and dispensed without removing the ball;
- (e) the adjustable securing straps allow the “Back Pack for Tractor Seat” to be fit to a variety of vehicle seat sizes;

BREIF SUMMARY OF INVENTION

The “Back Pack for Tractor Seat – Cargo Carrying”, offers the user a simple way to securely carry and store tools and other items on a tractor type vehicle while at the same time keeping the stored items out of the way of the vehicle operator and preventing damage to the vehicle. The adjustment straps allow the user to fit the invention to many seat back sizes by adjusting the strap lengths. This feature allows the invention to be used on a variety of different vehicles.

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DETAILED DESCRIPTION

The main body (1A) is made of a pliable material that allows flexing so that the main body can be folded over the back of a seat. Fastened to the main body are cinch straps (1B and 1C) that are used to secure the main body to a seat back. The first of two types of cinch straps (1C) are constructed of an elastic strip fastened to a point on the main body having one of two parts of a hook and loop fastening system attached to the loose end of said strap which mates to the second part of the hook and loop fastener which is attached to the opposite side (2B) of the main body. The second type of strap (2A) consists of two parts, the first part is constructed of a pliant strip of material attached to one point on the main body having one of a two part hook and loop fastening system attached to the loose end. The second part consists of a strip of pliant material folded to capture a bucket loop and attached to an opposing point on the main body so as to line up with the first part attachment point when the main body is folded. The first part of the strap is then fed through the bucket loop of the second part (4/4) folded back on its self and mated to the second part of the hook and loop fastener located on the main body (2A).

Rows of cargo pockets are constructed of pliant material and attached to the face of the main body. The upper cargo pockets (1D) are attached flat to accommodate small tools and items. The lower cargo pockets (1E) are pleated to offer expansion for items needing larger area of storage. One of the lower cargo pockets has a hook and loop fastener located on the edge of the pocket near the opening (1F). This fastener allows for said pocket to be partially sealed while leaving an intentional gap opening at the mouth of the pocket to allow string or twine to pass through allowing dispensing without removing the ball from the pocket.

Additional cargo may be attached to this device by means of tie straps (1G)

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A strip of pliant material with a buckle loop attached to one end and one half of a hook and loop fastener to the other is attached to the main body at a point between the upper and lower cargo pockets near the edge of the main body. Said strip also has the mating half attached to the back side of said strip so when the strip is fed through the buckle loop and folded back it secures itself to its hook and loop mate.

From my description above a number of advantages become evident:

- a) The “Backpack for Tractor seat – Cargo Carrying” will stow and carry a variety of tools and items of many shapes and sizes keeping these items safely stowed and easily accessible.
- b) Due to the adjustable nature of the cinch straps (1B and 1C) this device is not limited to one size of seat back.
- c) The elastic cinch straps (1C) will flex to conform to the back of the person seated in a seat using this device.
- d) The cargo tie straps (1G) provide a means to attached larger items that will not fit in the cargo pockets.
- e) A variety of pocket sizes securely hold items and tools ranging in size from small to large.

Properly installed on a seat back this device offers safe and convenient storage for tools while working in the yard or at a job site. Although this device may take different form or be constructed of different materials its usage is always the same, to carry items on a seat back.